In the Specification

Please amend paragraph 28 as follows:

[0028] FIGS. 6. is 6A-6C are the "binary" hierarchical clustering of long-term up-regulated genes. Data points where the signal intensity indicated the gene was present for both duplicate cold samples, there was a difference call of "increase" for all four comparisons, and the fold-increase value was greater than or equal to 2.5 for all four comparisons were assigned a value of two (hatched) while all other data points were assigned a value of one (white). The resulting data was then clustered. The probe set number and description of the genes that fall into each cluster are indicated on the right.

Please amend paragraph 31 as follows:

[0031] FIGS. 9 is 9A-9C are the "Binary" hierarchical clustering of transiently up-regulated genes. Data points existed where the signal intensity indicated the gene was present for both duplicate cold samples, there was a difference call of "increase" for all four comparisons, and the fold-increase value was greater than or equal to 3 for all four comparisons were assigned a value of two (hatched) while all other data points were assigned a value of one (white). The resulting data was then clustered. The probe set number and description of the genes which fall into each cluster are indicated on the right.